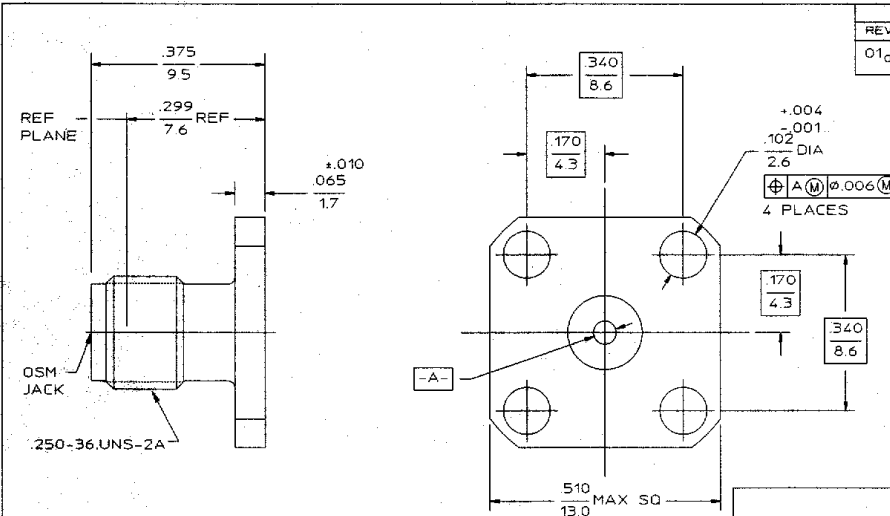


| REVISIONS       |             |         |            |
|-----------------|-------------|---------|------------|
| REV             | DESCRIPTION | DATE    | APPROVED   |
| 01 <sub>0</sub> | RELEASED    | 2/16/95 | <i>MCA</i> |



.XXX = in  
XX.X = mm

| ELECTRICAL   | MECHANICAL                                       | ENVIRONMENTAL   |
|--|--|---|
| Nominal Impedance (Ohms): 50                                 | Interface Dimensions: MIL-STD-348A               | Temperature Rating: -65°C To +105°C   |
| Frequency Range (GHz): DC - 18                               | FIG 310.2  | Thermal Shock: MIL-STD-202, Method 107, Condition A   |
| Volt Rating (VRMS MAX): 335                                  | Recommended Mating Torque: N/A                   | Moisture Resistance - MIL-STD-202, Method 105, No Measurements at High Humidity, Insulation |
| VSWR: 1.35 ± .01 (GHz)                                       | Mating Characteristics: Insertion (MAX Lbs): 3.0 | Resistance Shall Be At Least 200 Megohms Within 5 Minutes After Removal From Humidity.      |
| Insertion Loss (dB MAX) .07 @ (GHz)                          | Withdrawal (MIN Oz): 1.0                         | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray                             |
| RF Leakage (dB MIN): N/A                                     | Force To Engage & Disengage (in-Lbs MAX): 2.0    |   |
| Corona: 70,000 Ft (VRMS MIN): N/A                            | Center Contact Copivation: Axial: 6.0 Lbs        |   |
| Dielectric Withstanding Voltage (VRMS MIN): 1000 @ sea level | Radiat: N/A                                      |   |
| Contact Resistance (Milliohms MAX): Center Contact: 6.0      | Weight (Grams): T.B.D.                           |   |
| Outer Contact: 2.0   |  |   |
| RF High Potential (VRMS MIN @ 5 MHz): 670                    |  |   |
| IR (Megohms): 5000   |  |   |

| COMPONENT      | MATERIAL   | FINISH                     |
|----------------|--|----------------------------|
| HOUSING        | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303      | PASSIVATE PER QQ-P-35      |
| DIELECTRIC     | TFE FLUOROCARBON PER ASTM-D-1457                           | N/A                        |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |

|   |                                    |  |                                    |
|---|------------------------------------|--|------------------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | DRAWN BY: <i>MCA</i> DATE: 2/15/94 | <b>MACOM</b><br>INTERCONNECT DIVISION          | M/A-COM, Inc.<br>Waltham, MA 02254 |
| TOLERANCE ON: FRACTIONAL DECIMAL ANGLES             | APPROVED BY:                       |  |                                    |
| ± .062 ± .005 ± .1°                                 | USE ASSY PROCEDURE                 | TITLE: OSM 4-HOLE FLANGE MOUNT JACK RECEPTACLE |                                    |
| NO. A.P. N/A  |                                    | SIZE: B  | CODE IDENT NO: 26805               |
|   |                                    | SCALE: 5:1                                     | 2052-8021-92                       |
|   |                                    |  | REV: 01 <sub>0</sub>               |
|   |                                    |  | SHEET 1 OF 1                       |

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